

Thruster mode (tape), height=300 km
alpha=0 deg, E_m=234 V/km, B=0.270 Gauss

W – tape width, S – tape cross-section

day ($N_e=1.6 \times 10^6 \text{ cm}^{-3}$) night ($N_e=1.0 \times 10^5 \text{ cm}^{-3}$)

$W = 0.92 \text{ cm}, S = 0.0184 \text{ cm}^2$

